

Appl. No. 09/661,582 Replacement Sheet

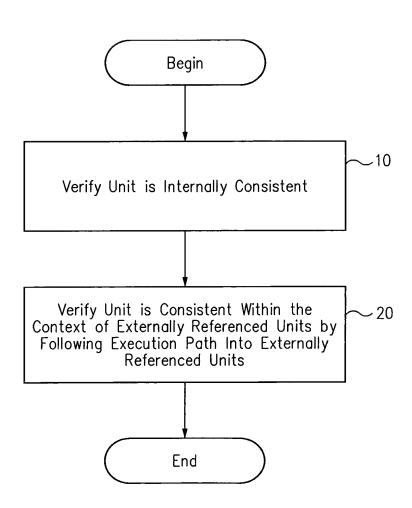


FIG. 1 (PRIOR ART)

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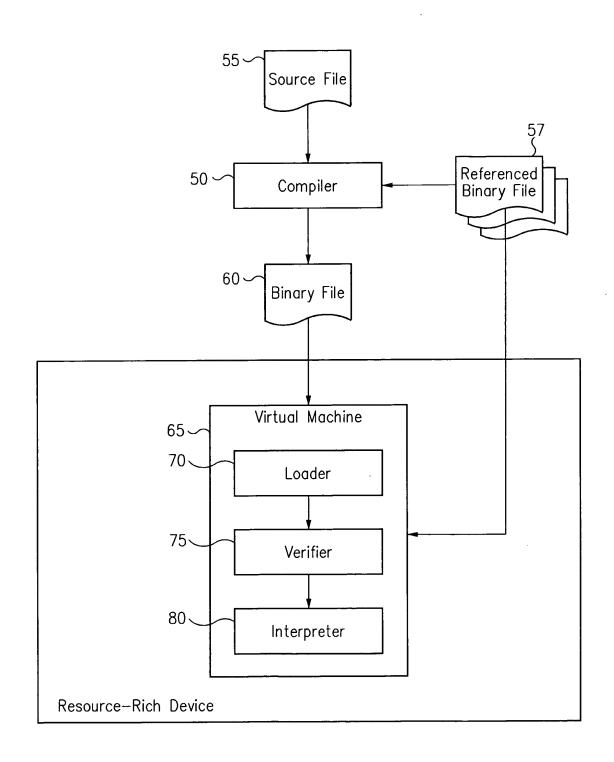


FIG. 2 (PRIOR ART)

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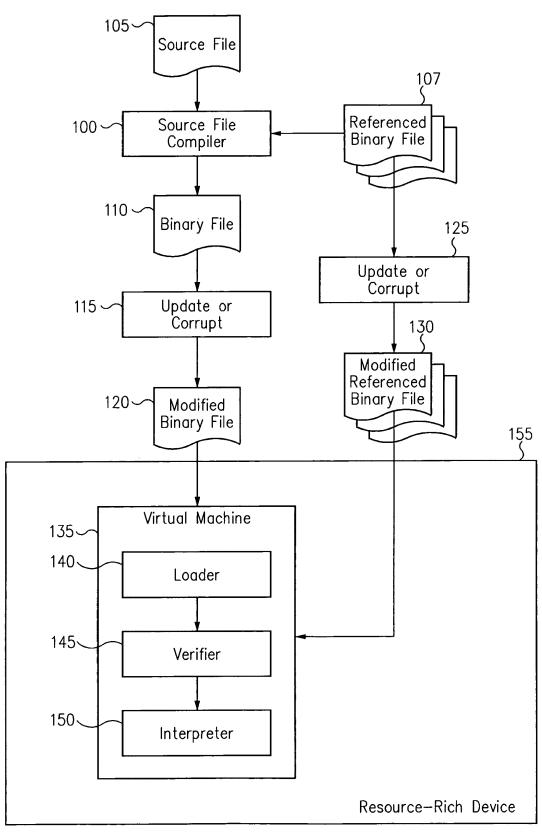


FIG. 3 (PRIOR ART)

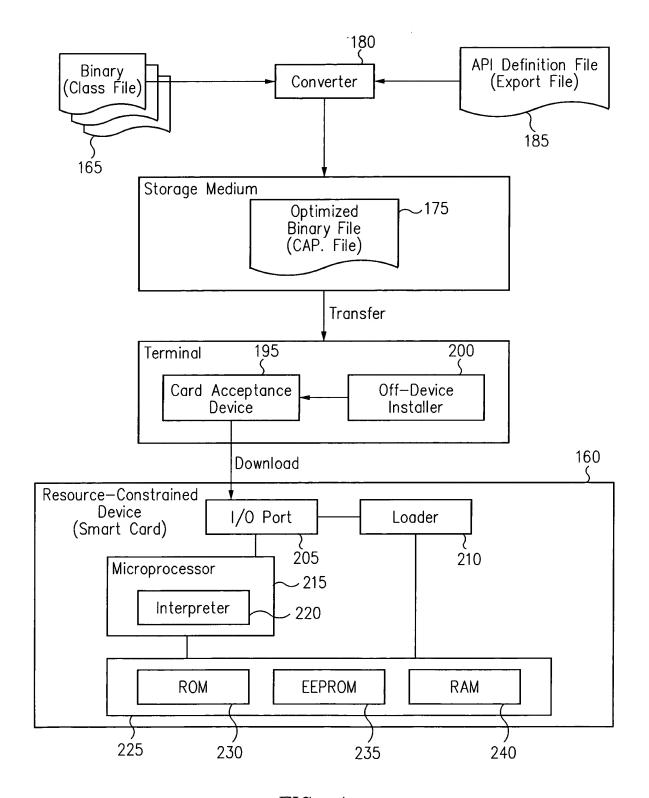


FIG. 4 (PRIOR ART)

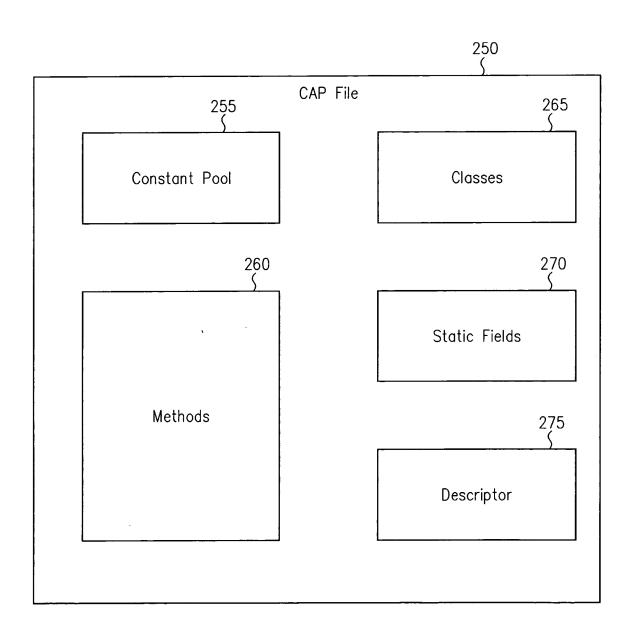


FIG. 5 (PRIOR ART)

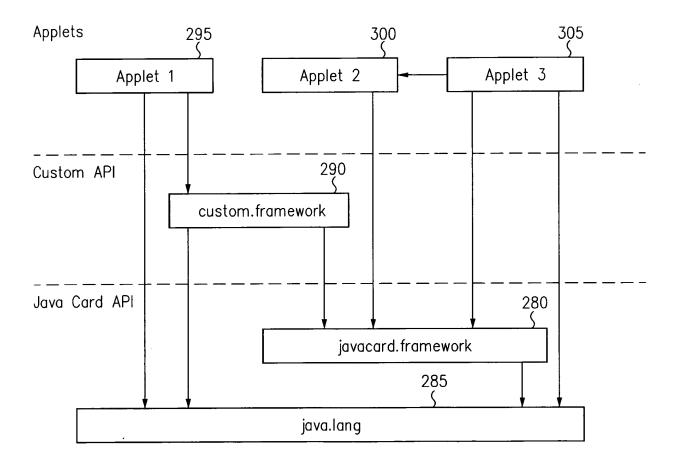


FIG. 6 (PRIOR ART)

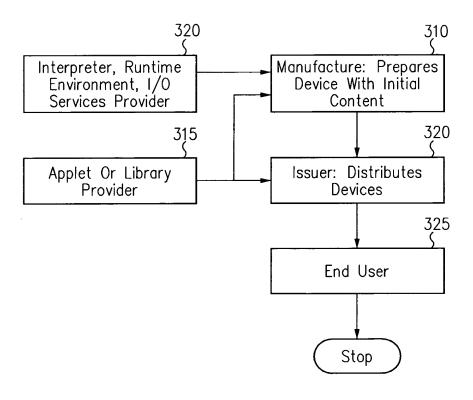


FIG. 7 (PRIOR ART)

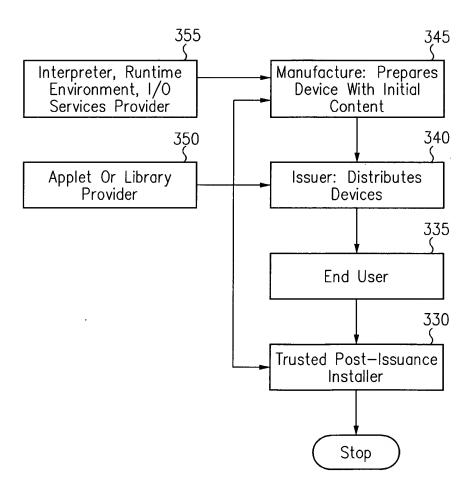


FIG. 8 (PRIOR ART)

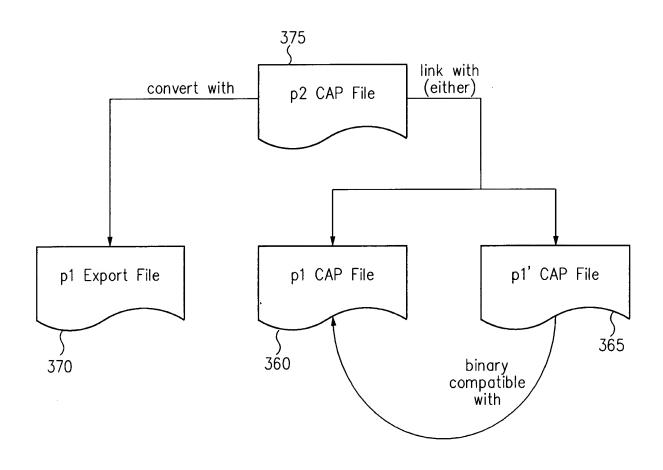
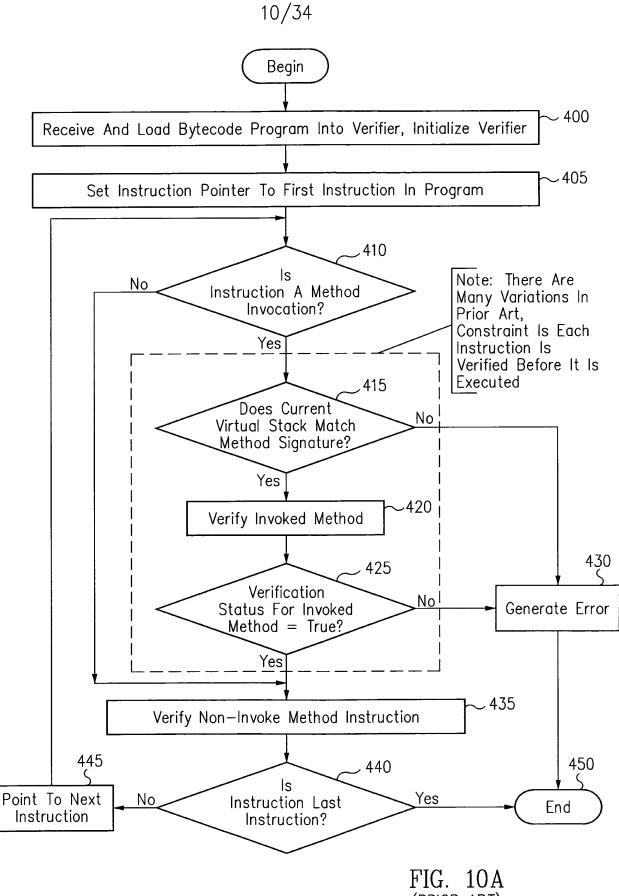


FIG. 9 (PRIOR ART)



(PRIOR ART)

```
510
                                                                                               515
                                                                             Virtual Stack (
 package \overline{a1; \sim 505}
 import L0;
                                                                        Before
                                                                                            After
                                                                        560
class A1 extends Object {
    void A10 (short s) {
    byte ball = A1
                                     555
               byte ba[] = A11(s);
                           > 560
               return;
        byte[] A11 (int i) {
   byte ba[]new byte[i];
   610
                                                                     570
                                                                       ref: A1
                 ba[0] = (byte)classL0.L01(this);
                 return ba;
                                             540
 package L0; \sim 500
                                                                    590
 public class classL01 {
    public static int L01 (Object o) {
                                                                     ref: Object
                 int i; \sim 595
                                                                                            float
                                                                          int
                 float f = LO2(i,o);
                 return i;
       private static float LO2 (int i,Object o) {
                 float f; \sim 605
                 return f; \sim 600
        }
```

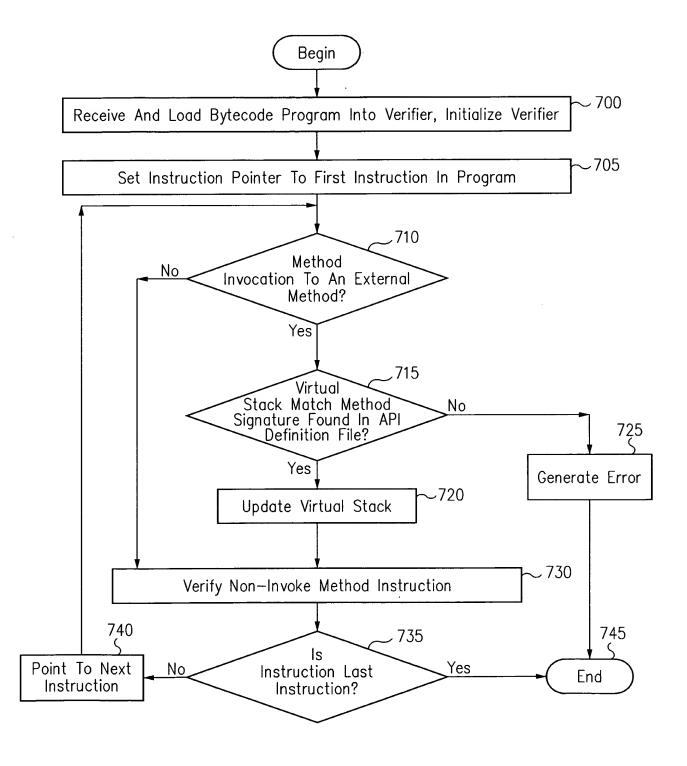
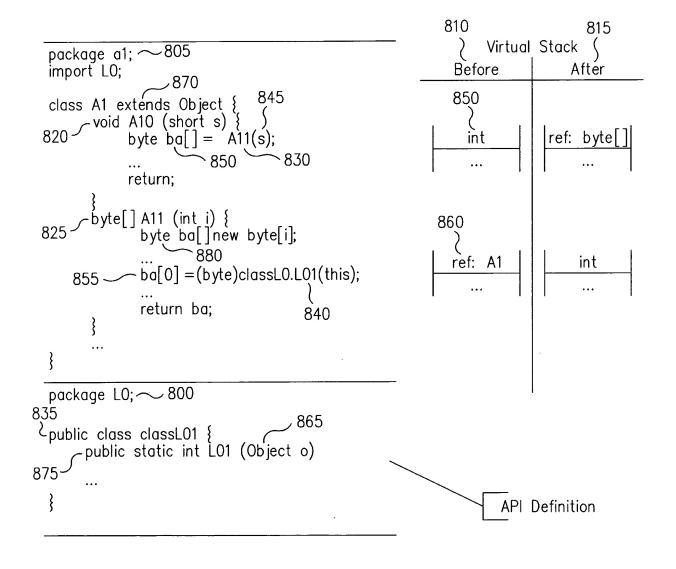


FIG. 10C



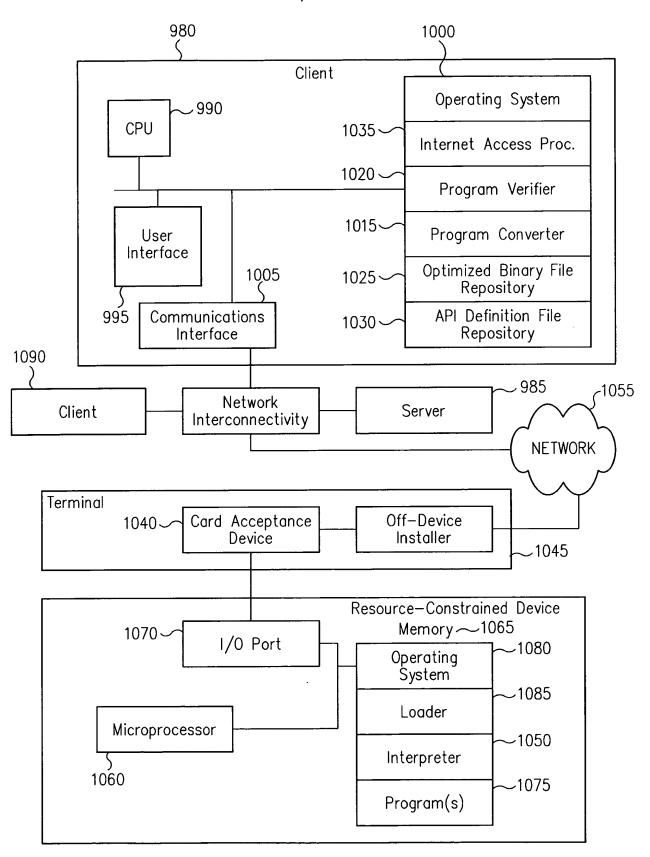


FIG. 11A

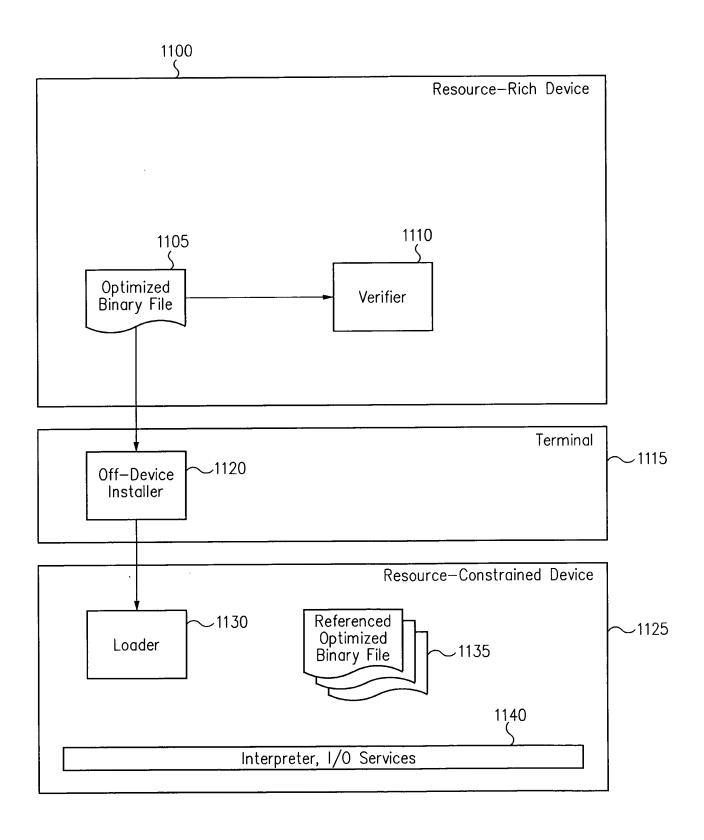


FIG. 11B

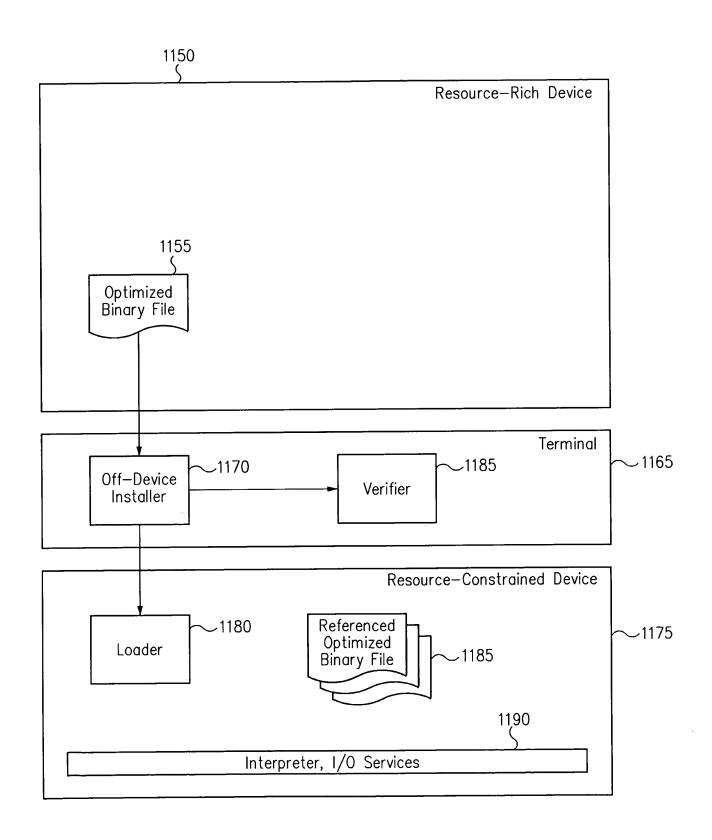


FIG. 11C

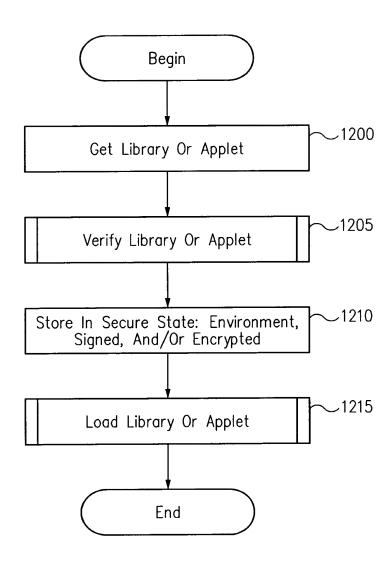


FIG. 12

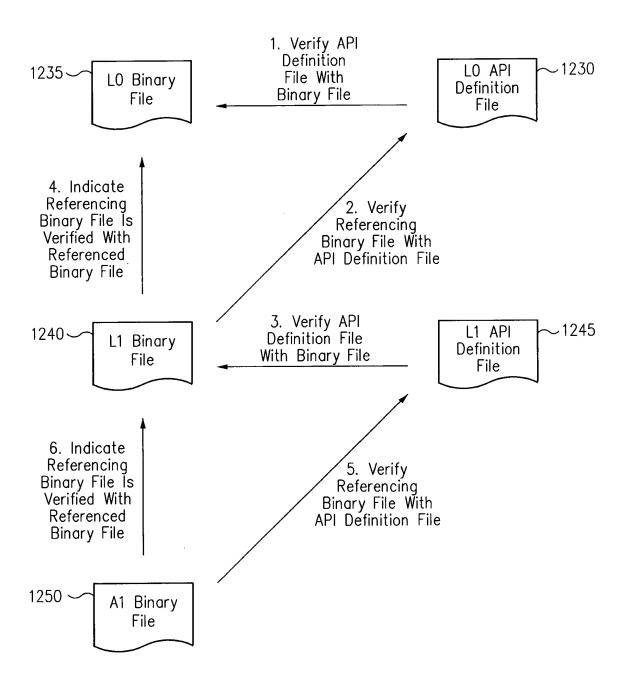


FIG. 13A

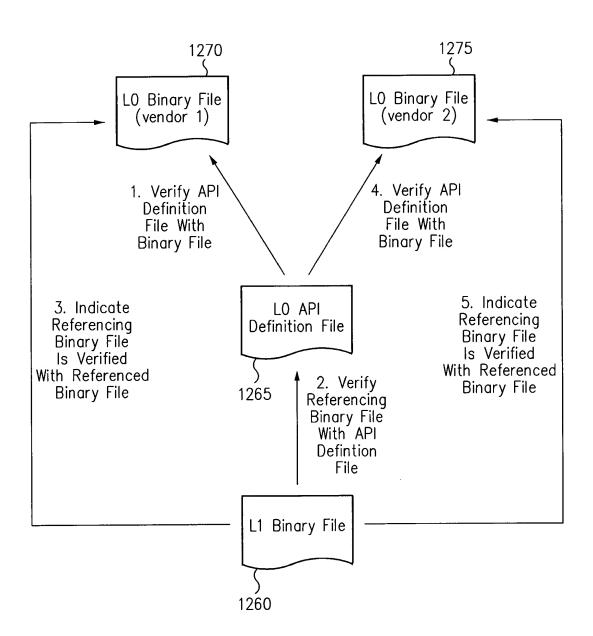
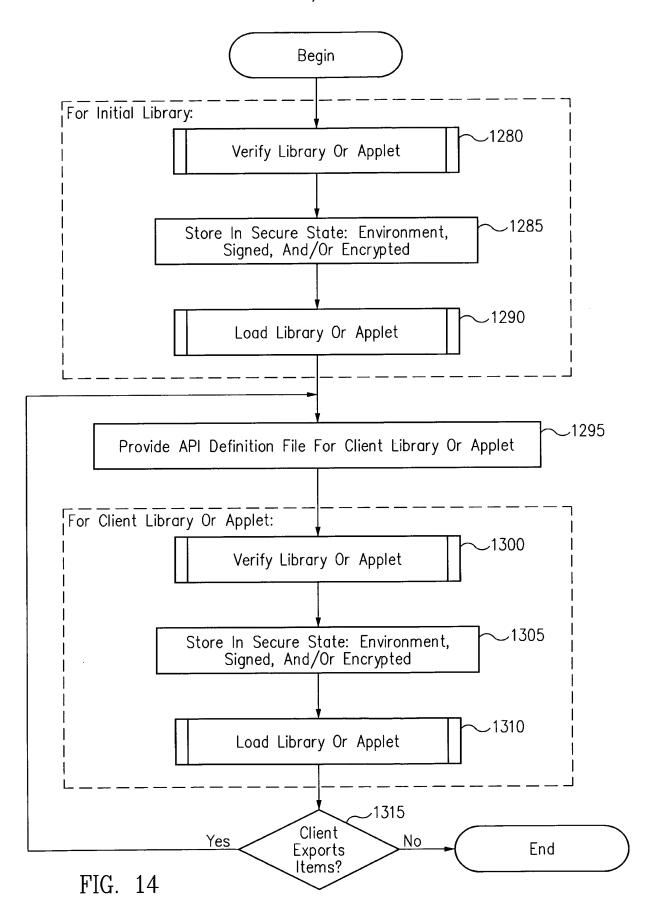


FIG. 13B

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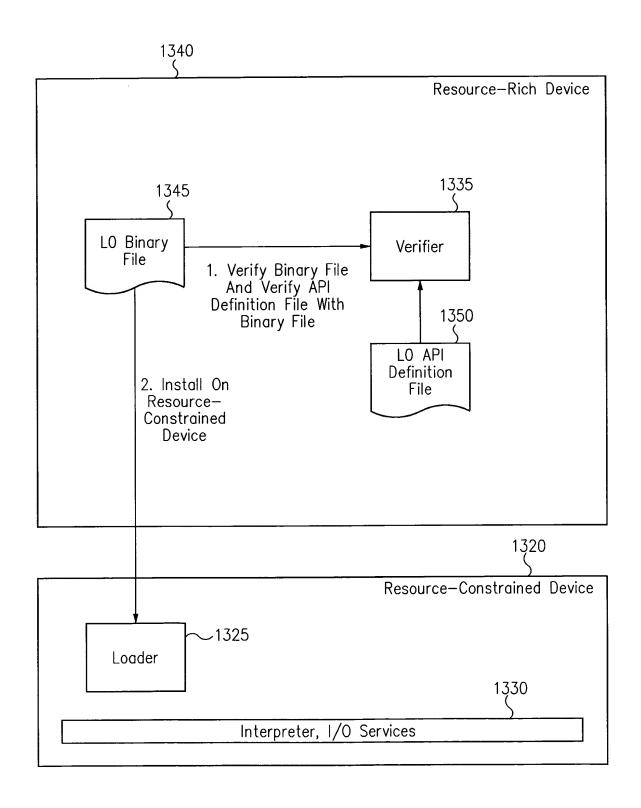


FIG. 15A

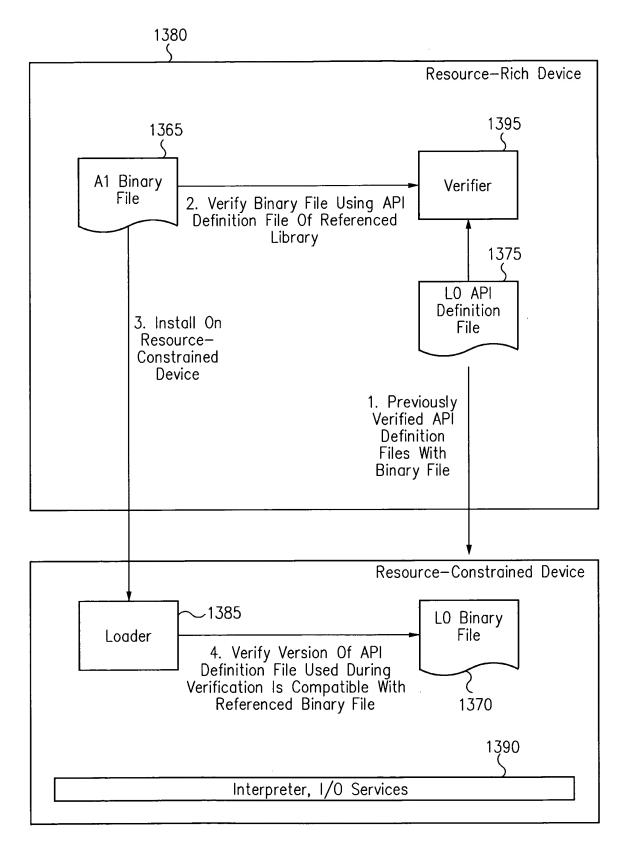


FIG. 15B

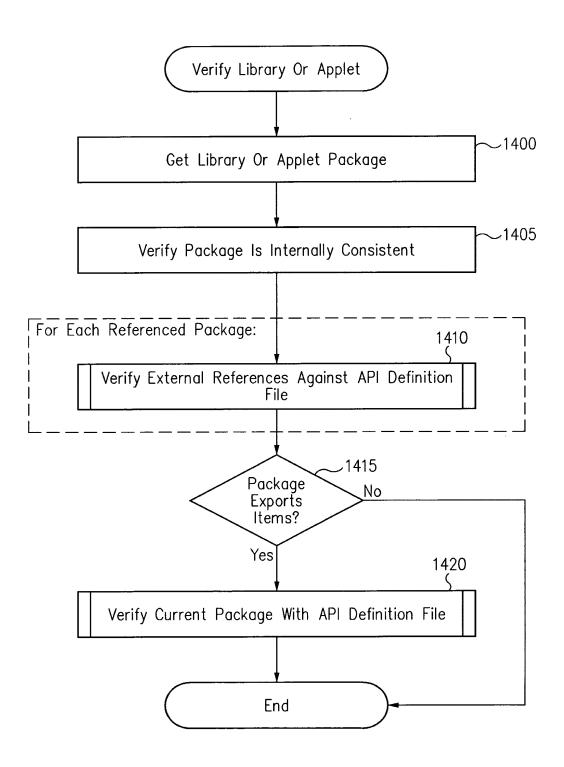


FIG. 16

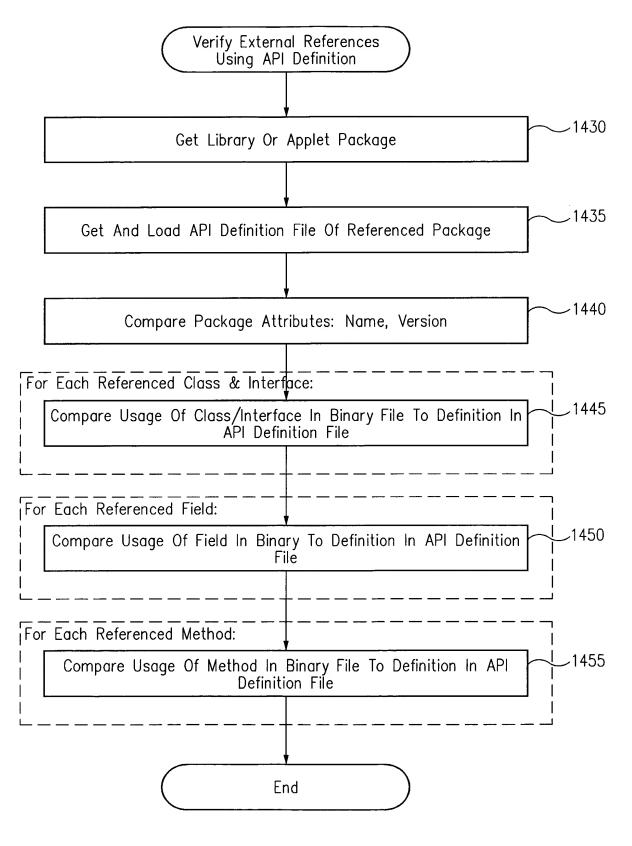
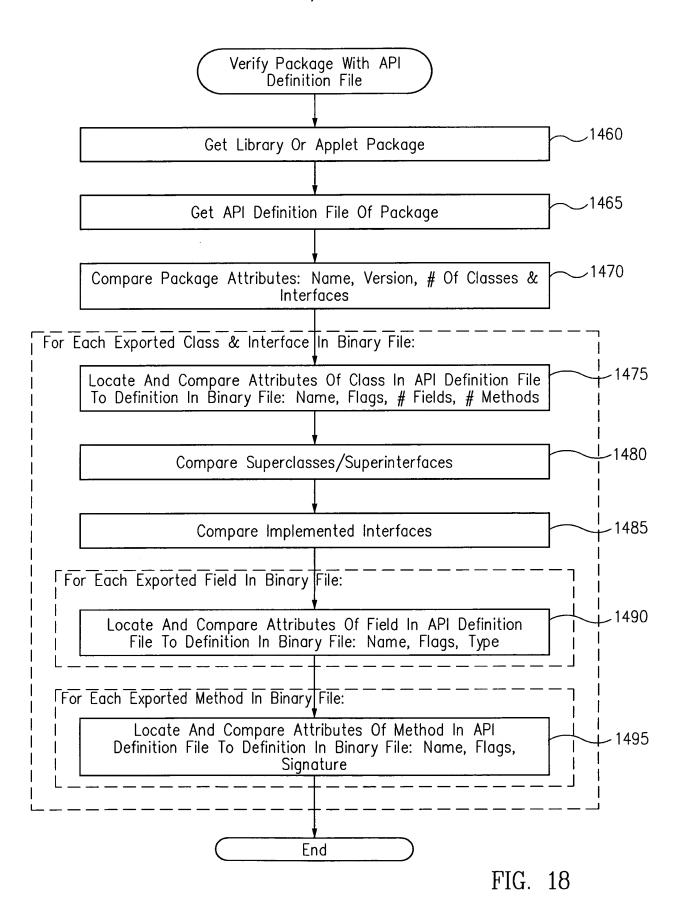


FIG. 17

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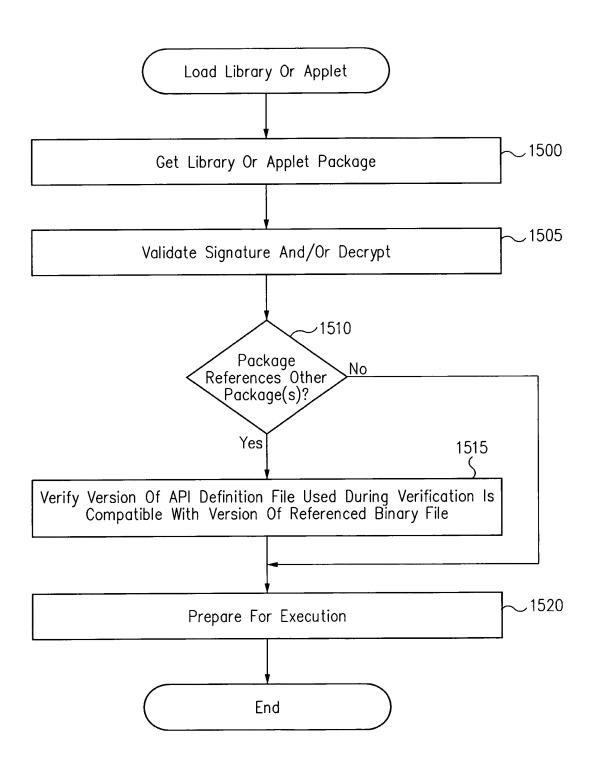


FIG. 19

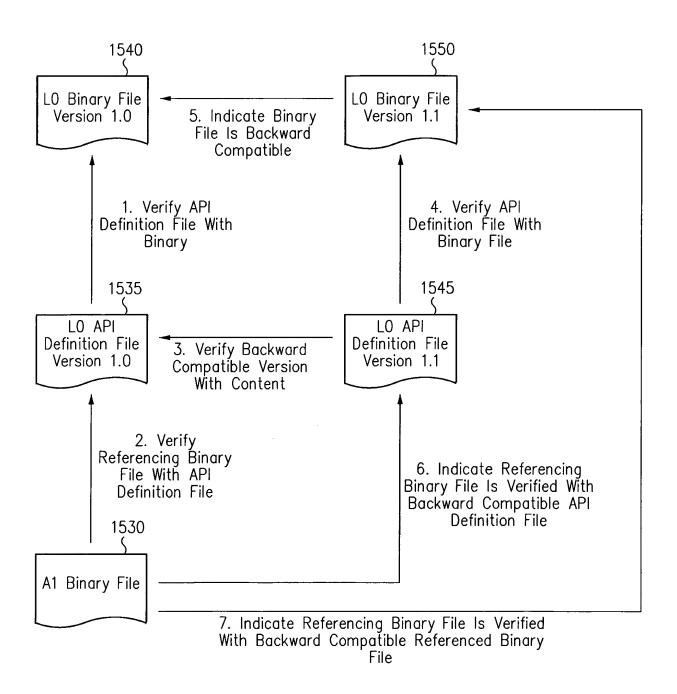


FIG. 20A



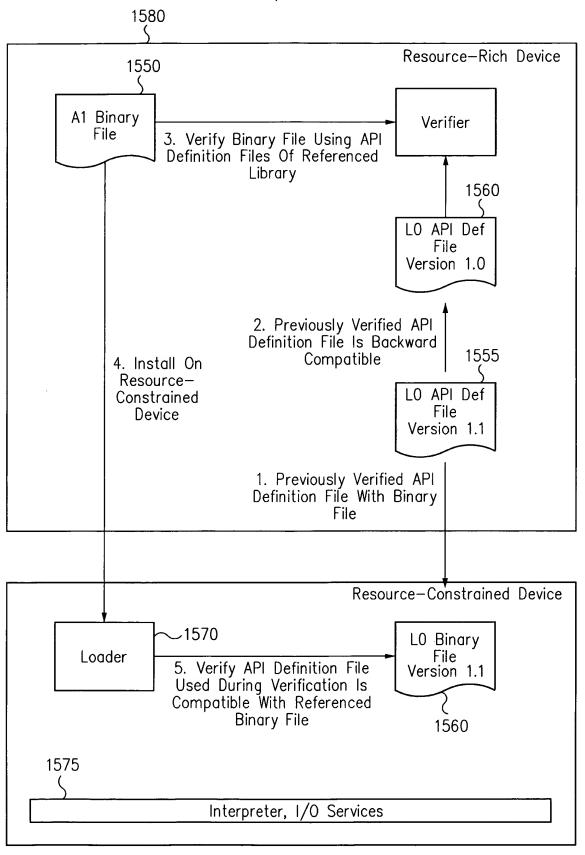


FIG. 20B

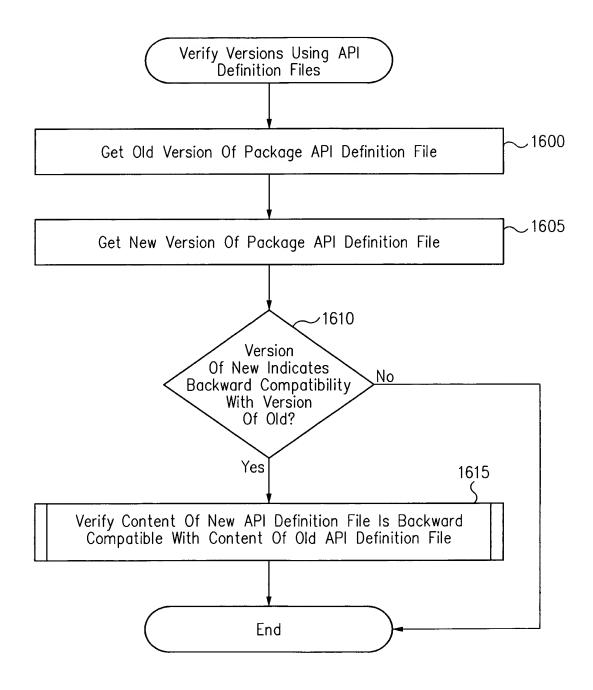


FIG. 20C

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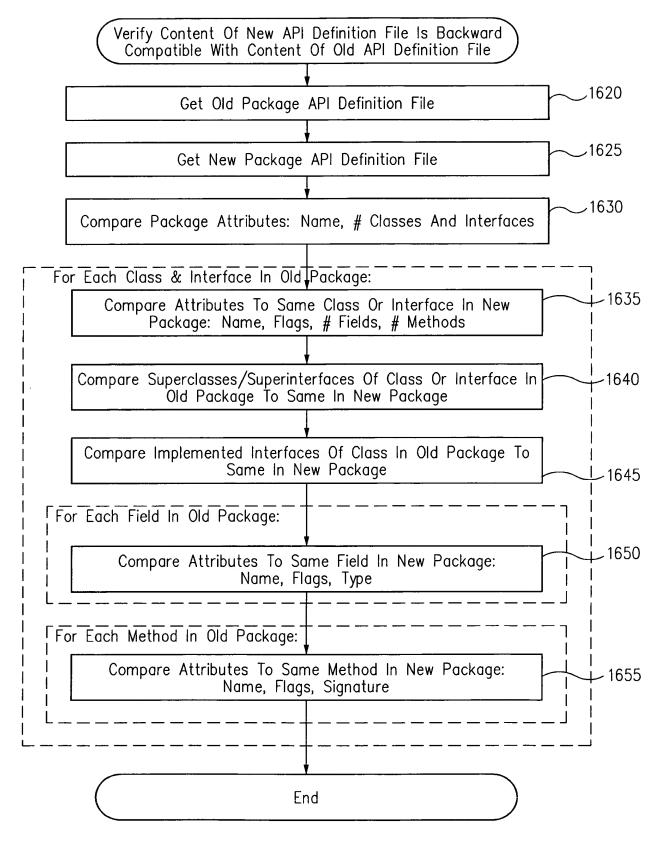


FIG. 20D

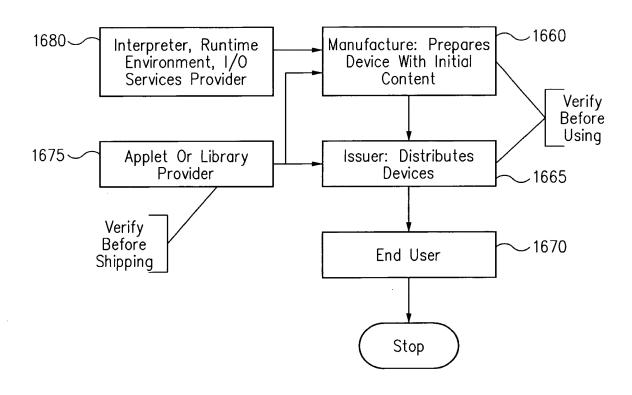


FIG. 21A

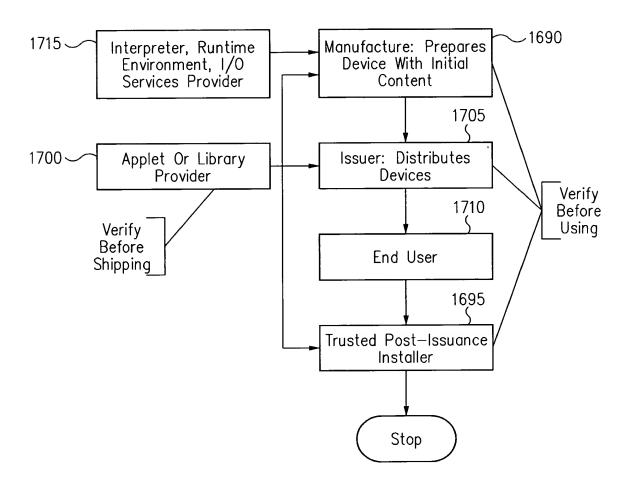


FIG. 21B

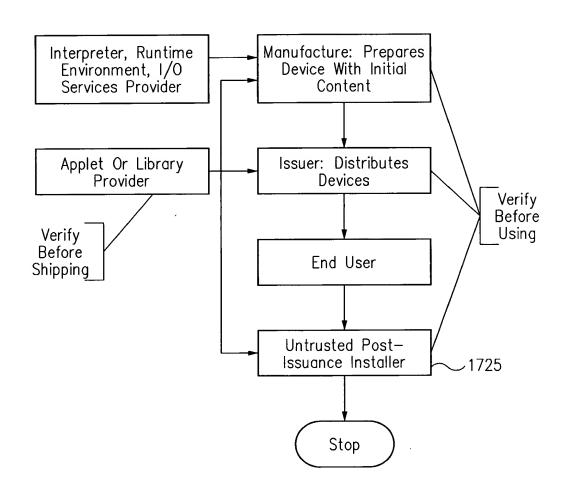


FIG. 21C

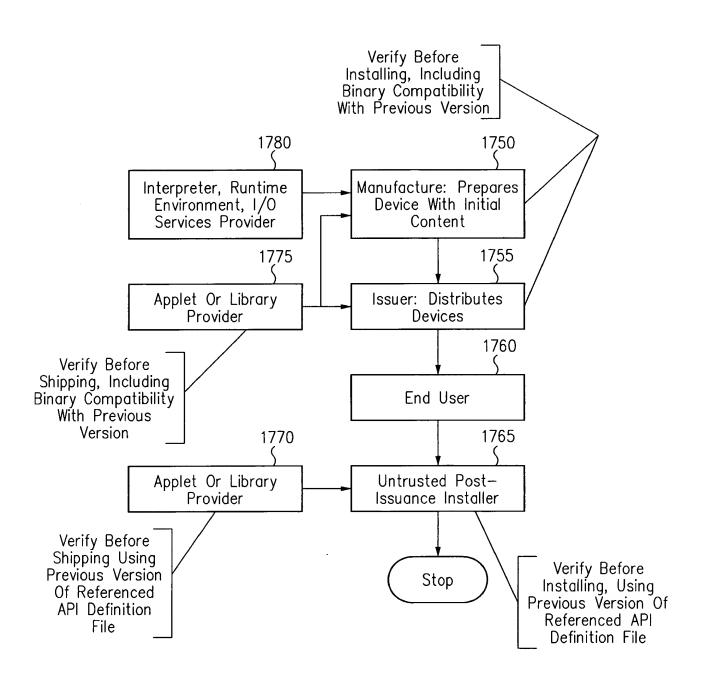


FIG. 21D